

```

alpha1(I)      YRRADD...A   NVVRDRDRLV   DTLTKLSLSQ   IENIRSPGEGS   RKNPARTCRD   LKMCXSDWKS
alpha2(I)      FYRADQPRSA   PSLRPKQDEV   DATLKSLSNQ   IETLLTPEGS   RKNPARTCRD   LRLSLHPEWS
alpha1(III)    YYGDE...P   MDFKINTDEI   MTLKLSVNGQ   IESLISPDGS   RKNPARNCRD   LKFCHPELKS

                                1          2
                                0000000000  0000000000
                                00-000000  00-000000

alpha1(I)      -          3          4          5
GEYWIDPNQG     CNLDAIKVFC   NMETGETCVY   PTOPSVAQKN   WYISKNPDKK   RHVWFGESMT
alpha2(I)      GYWIDPNQG   CTMEAIVKVC   DFTGETCIR   AQENIPAKN   WYRS..SKDK   KHVVWGETIN
alpha1(III)    GEYWIDPNQG   CKLDAIKVFC   NMETGETCIS   ANPLNVPRKH   WW.TDSSAEK   KHVVWGESMD
000-000000    0--0000-0  -00000-    -000-000-    -000-000-

                                B          C          G          6
DGFQFEYGGQ    GSDPADVAIQ   LTLFLRMSTE   ASQNITYHCK   NSVAYMDQQT   GNLKKALLLK
alpha2(I)      AGSQFEYVNE   GVTSKENATQ   LAFMRLLYAN   ASQNITYHCK   NSIAYMDEET   GNLKKAVILQ
alpha1(III)    GGFQFEYGNP   ELPEDVDVQ   LAFRLSSSR   ASQNITYHCK   NSIAYMDQAS   GNVKKALKLM
0000000000    -000-000-    0000000000  00-0000-0  00-000-0

                                7
GNSNEIEIRAE   GNSRFTYSVT   VDGC2TSH7GA   WGKTIVIEYKT   TKTSRLPIID   VAPLDVGAPD
alpha2(I)      GSN0DVELVAE   GNSRFTIYTVL   VDGC3SKKTNE   WGKTIIIEYKT   NKPSRLPFEL   IAPLDIGGAD
alpha1(III)    GSGNEGEFAEK   GNSKFTIYTVL   EDGCTKH7GE   WSKTVFEYRT   RKAVRLPIVD   IAPYDIGGPD
000-0-000000  000-0000-0  000-000-00  000-000-00  000-000-00

                                8
QEFQFDVGVF    CFL
alpha2(I)      HEFFVDVGVF    CFK
alpha1(III)    QEFQFDVGVF    CFL
-000-0-0000  00

```

FIG. 2

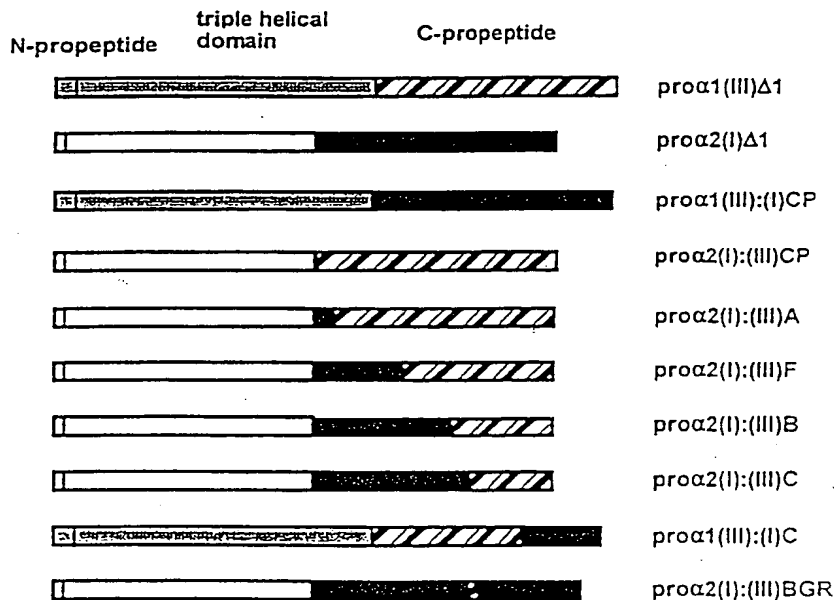
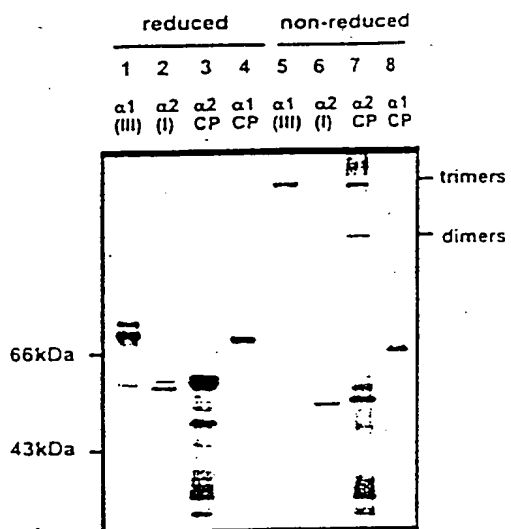
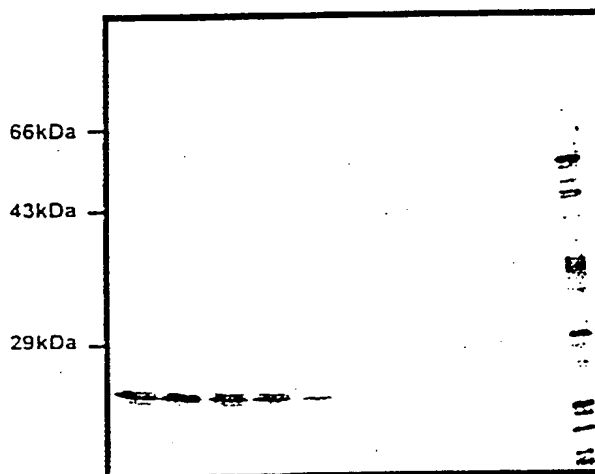


FIG. 3

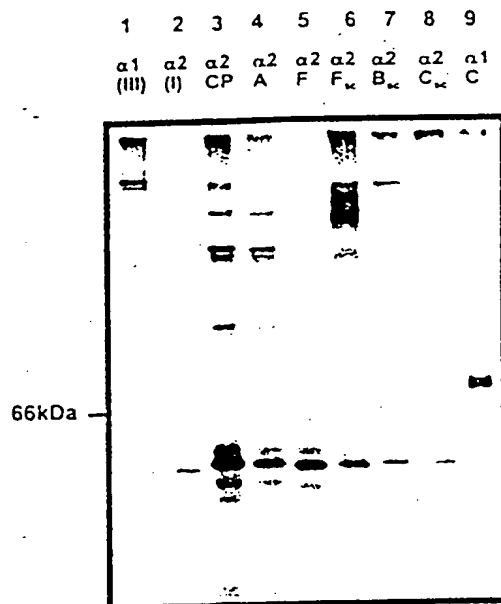
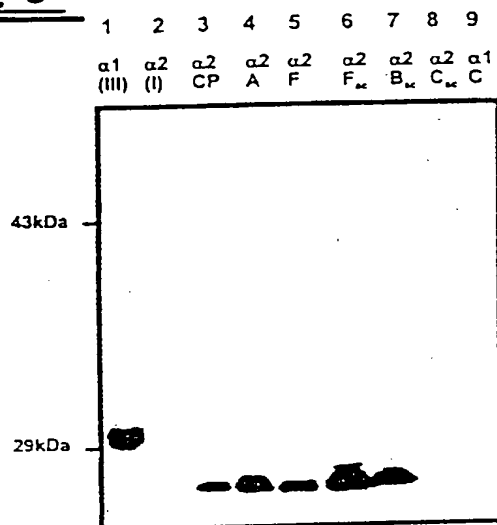
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FIG. 4

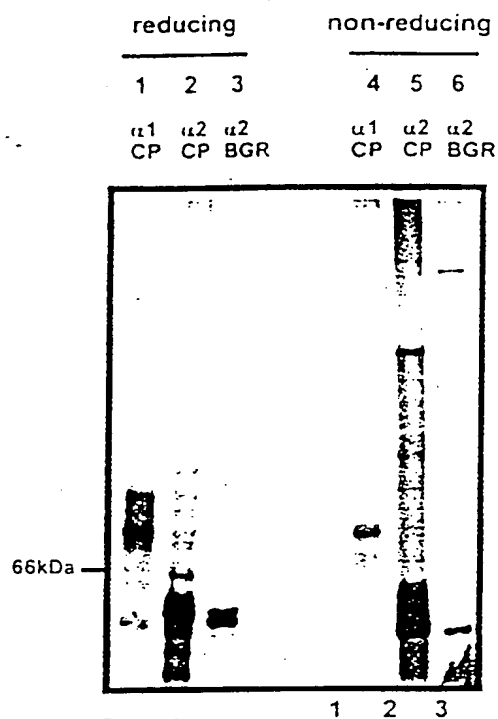
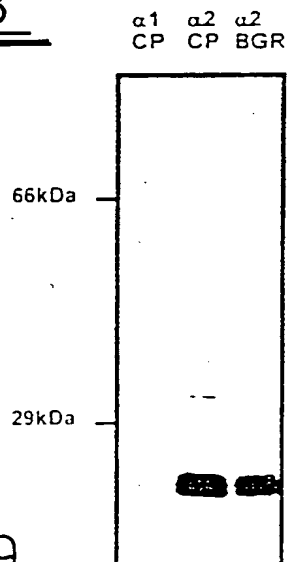
Lane	1	2	3	4	5	6	7	8	9	10	11
temp. (deg C)	31	32	33	34	35	36	37	38	39	40	unt.

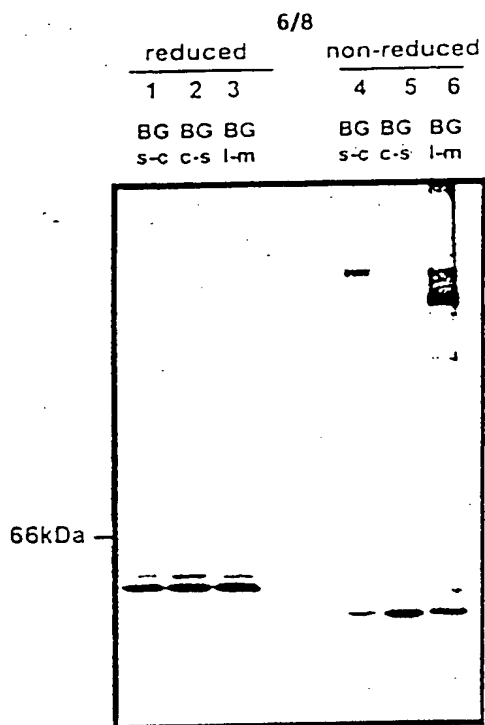
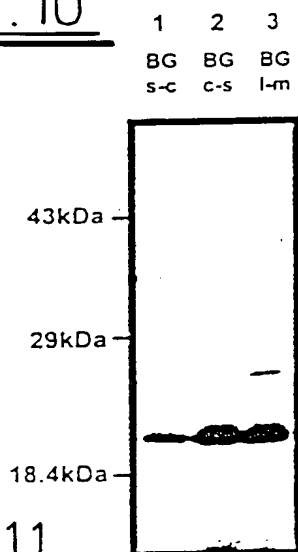
FIG. 5

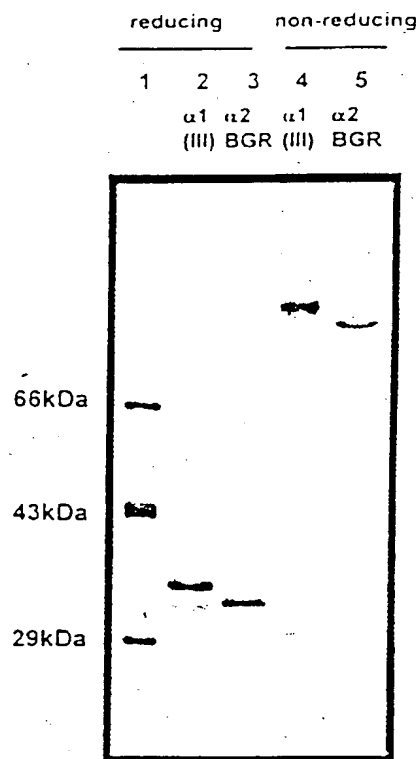
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FIG. 6FIG. 7

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FIG. 8FIG. 9

FIG. 10FIG. 11

FIG. 12

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
alpha1(I)	G	G	Q	G	S	D	P	A	D	V	A	I	Q	L	T	F	L	R	L	H	S	T	E
alpha2(I)	N	V	E	G	V	T	S	K	E	M	A	T	Q	L	A	F	H	R	L	L	A	N	Y
alpha1(II)	G	D	D	N	L	A	P	N	T	A	N	V	Q	H	T	F	L	R	L	L	S	T	E
alpha1(III)	G	N	P	E	L	P	E	D	V	L	D	V	Q	L	A	F	L	R	L	L	S	S	R
alpha1(V)	V	D	A	E	G	N	P	V	G	V	.	V	Q	H	T	F	L	R	L	L	S	A	S
alpha2(V)	G	D	H	Q	S	P	N	T	A	I	.	T	Q	H	T	F	L	R	L	L	S	K	E
alpha1(XI)	L	D	V	E	G	N	S	I	N	M	.	V	Q	H	T	F	L	K	L	L	T	A	S
alpha2(XI)	V	D	S	E	G	S	P	V	G	V	.	V	Q	L	T	F	L	R	L	L	S	V	S

FIG.13